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S	substitute for form	1449	APTO	Application Number	Not Yet Assigned		
INFO	MATION F	1166	OSLIDE	Filing Date	Herewith		
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT			First Named Inventor	Rahgbir Singh Bhullar, et al.		
SIAII	EMENI BY	AP	PLICANI	Group Art Unit	1753		
(use	e as many sheets	as ne	cessary)	Examiner Name	K. Olsen		
Sheet	1 .	of	1	Attorney Docket Number	9793/139		

## **U.S. PATENT DOCUMENTS**

		U.S. Patent	Document		Date of Publication of	Pages, Columns, Lines, Where Relevant
Examiner Initials*	Cite No. 1	Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear
KO.	1	4,514,276		Covington et al.	04/30/1985	
KO	2	4,966,671		Nylander et al.	10/30/1990	
KO	3	4,985,130		Hale	01/15/1991	
160	4	5,130,009		Marsoner et al.	07/14/1992	
KO	5	5,223,114		Zare et al.	06/29/1993	
NO.	6	5,741,639		Ensing et al.	04/21/1998	
<b>(</b> )	7	5,762,770		Pritchard et al.	06/09/1998	
K)	8	6,134,461		Say et al.	10/17/2000	
12	9	6,143,164		Heller et al.	11/07/2000	
						,
					1	

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. 1	Fore Office 3		ment  I Code 5  known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	т°
KO	10	wo	97/18464	,	Memtec America Corporation	05/22/1997		N
K)	11	EP	0780692	A2	ABB Research Ltd.	06/25/1997		N
HD)	12	EP	0827177	A2	NGK Insulators, Ltd	03/04/1998		N
V()	13	JP	63-124659			06/27/2003		Y
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<sup>•</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>3</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO	Application Number	10/706,222
INFORMATION DISCLOSURE	Filing Date	November 12, 2003
STATEMENT BY APPLICANT	First Named Inventor	Raghbir Singh Bhullar, et al.
STATEMENT BY APPLICANT	Group Art Unit	1753
(use as many sheets as necessary)	Examiner Name	K. Olsen
Sheet 1 of 1	Attorney Docket Number	9793/139

### **U.S. PATENT DOCUMENTS** U.S. Patent Document Pages, Columns, Lines, Date of Publication of Where Relevant Cite Cited Document Examiner Name of Patentee or Applicant Passages or Relevant Kind Code 2 Initials\* No. of Cited Document MM-DD-YYYY Figures Appear Number (if known) Bakhir et al. ΚΌ 5,427,667 06/27/1995

# **FOREIGN PATENT DOCUMENTS**

		Forei	gn Patent Docu	nent		Date of Publication of	Pages, Columns, Lines, Where Relevant	
Examiner Initials*	Cite No. 1	Office <sup>3</sup>		Code 5	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	T °
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		Substitute for form	n 1449	BAPTO	Application Number	10/706,222
	INFO	RMATION I	nier	NOUDE	Filing Date	November 12, 2003
					First Named Inventor	Raghbir Singh Bhullar, et al.
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	(us	e as many sheet	s as n	ecessary)	Examiner Name	Noguerola, A. S.
	Sheet	1	of	1	Attorney Docket Number	9793/139

## **U.S. PATENT DOCUMENTS**

		U.S. Pate	ent Document		2-1	Pages, Columns, Lines,
Examiner Initials*	Cite No. 1	Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear
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## **FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. 1	Fore Office 3		Code <sup>5</sup> known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	т*
KO	1	UK	869,226		Sproule, Robert Andrew	05/31/1961		
KO	2	EP	0 295 942	A2	The Board of Trustees of the Leland Stanford Junior University	12/21/1988		
KO	3	wo	99/30152	A1	Boehringer Mannheim Corporation	06/17/1999		
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